

FIG. 1 (Prior Art)

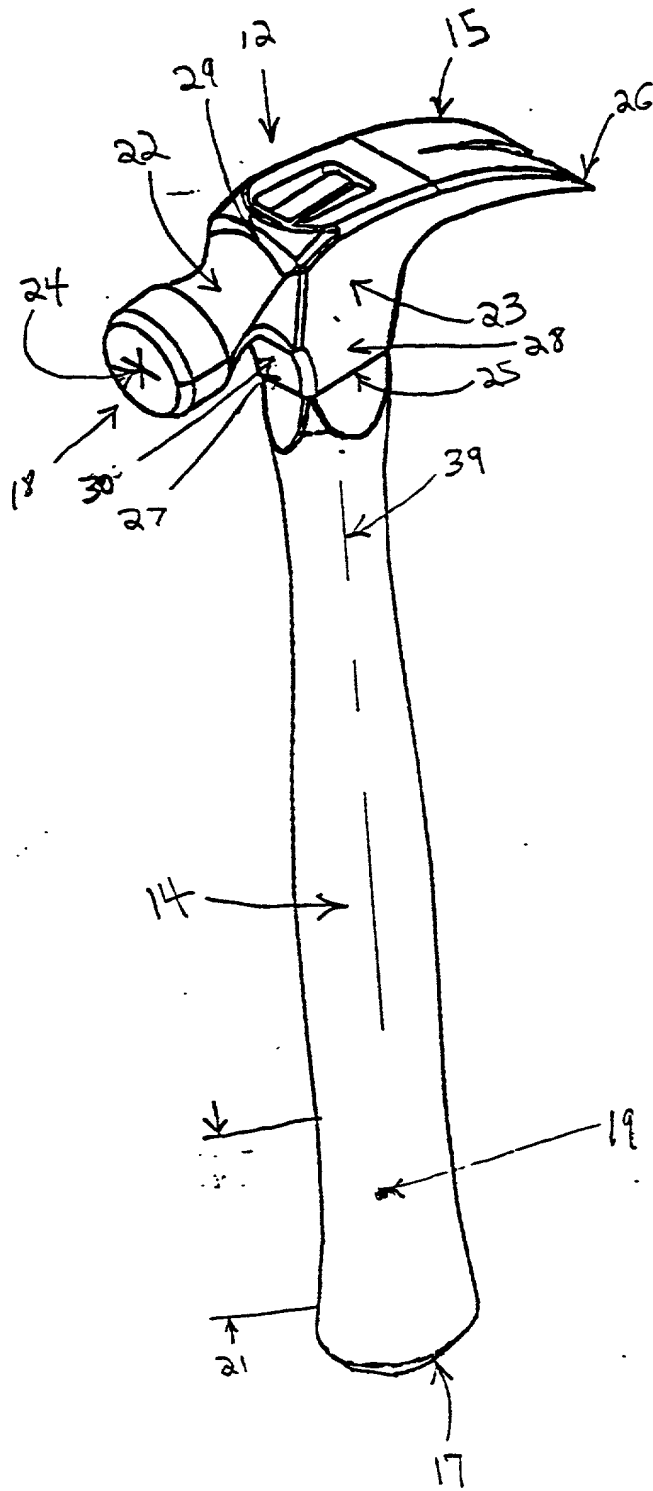


FIG. 2

FIG. 3

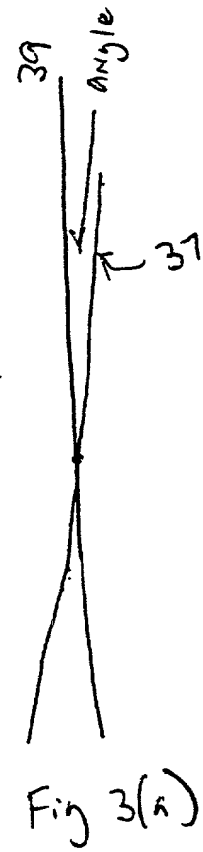
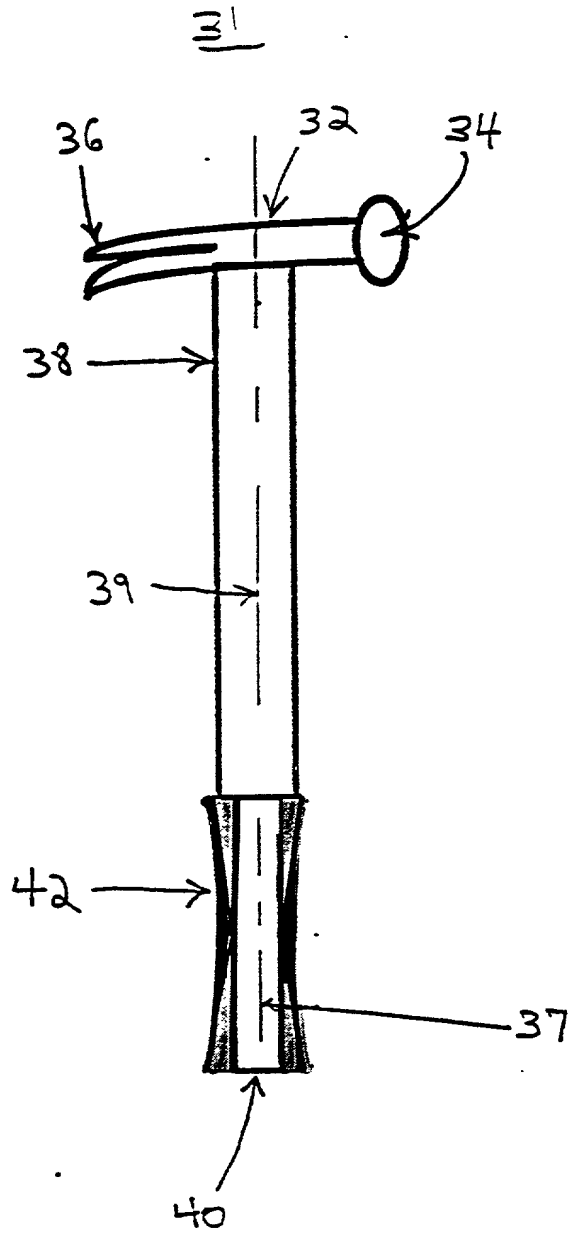


FIG. 3

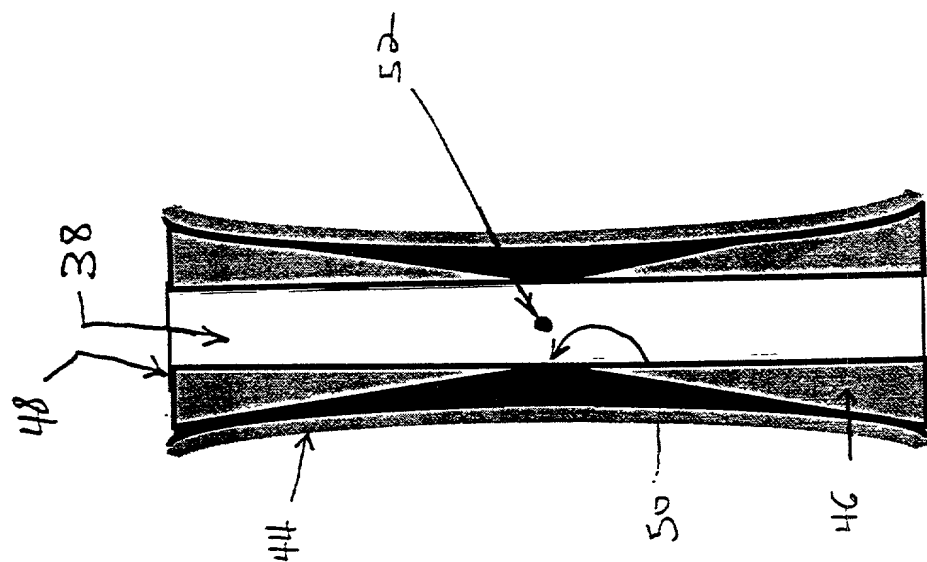


FIG. 4

09773757 013901

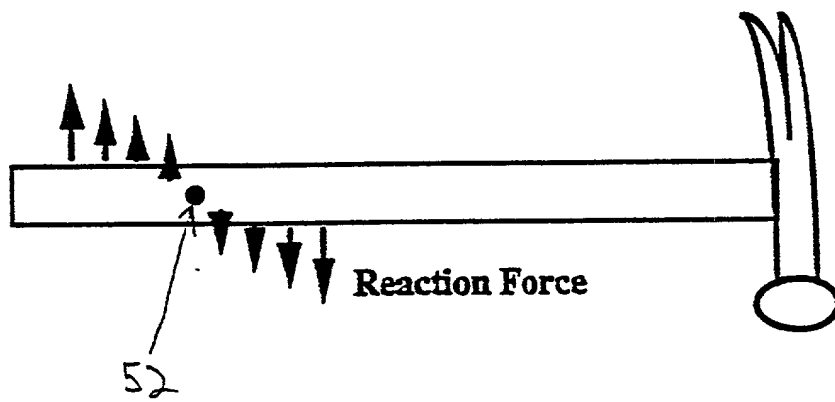


FIG. 5

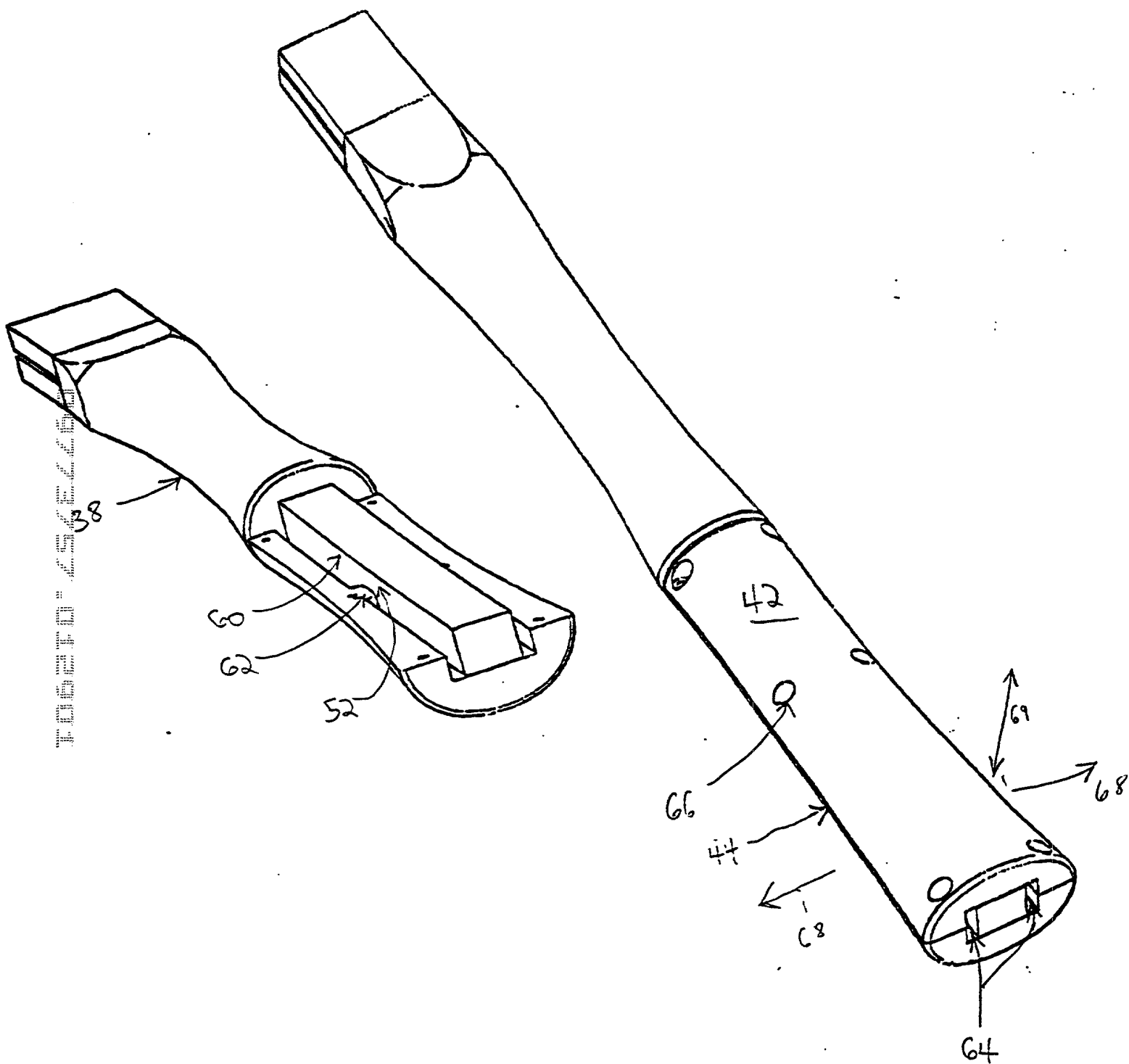


FIG. 6

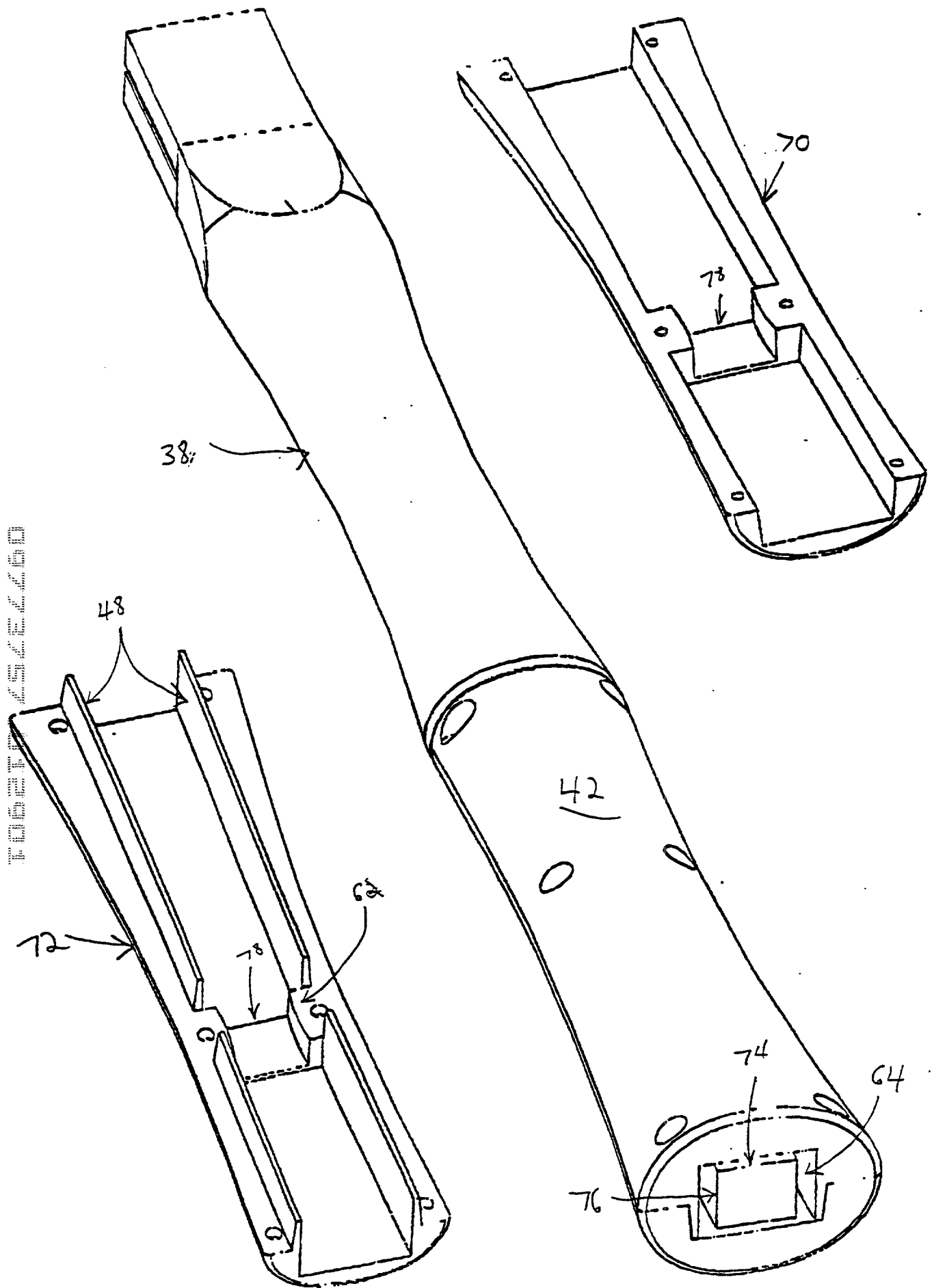


FIG. 7

Model of Force Trace on Oscilloscope

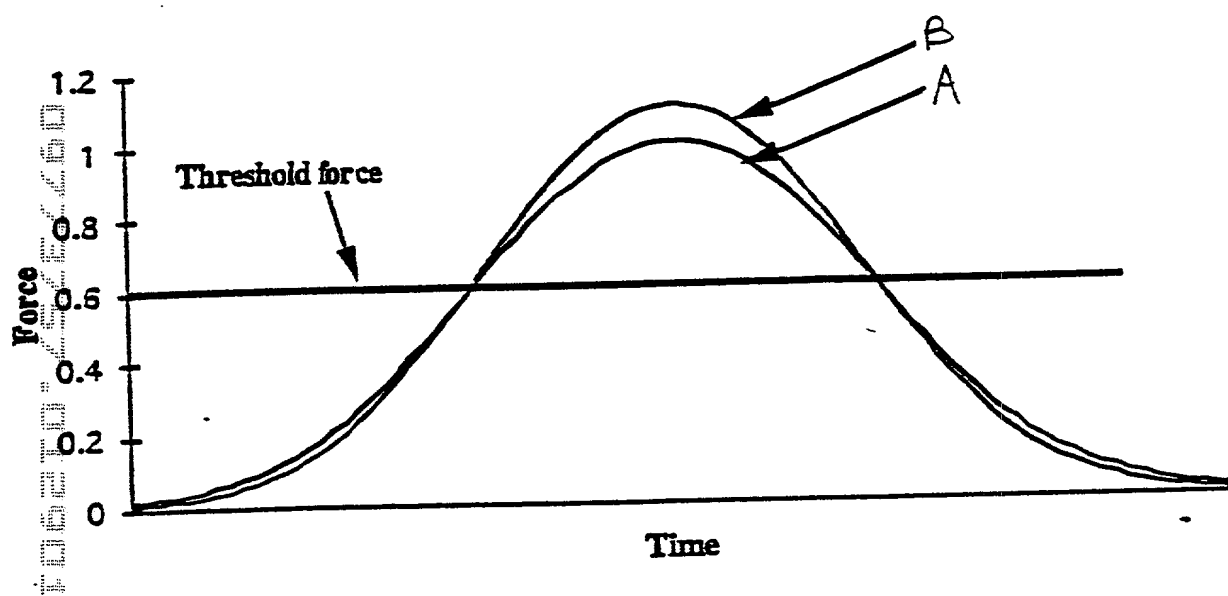


FIG. 8



09773757-013901

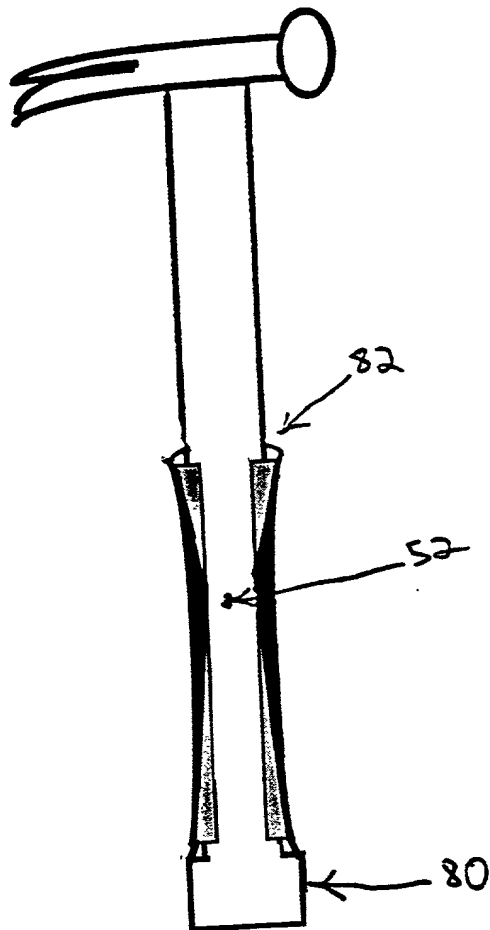


FIG 1

09773757 043904

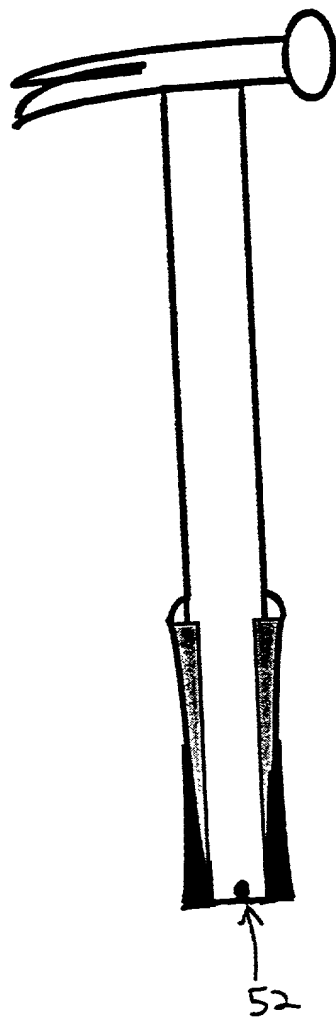


FIG. 10

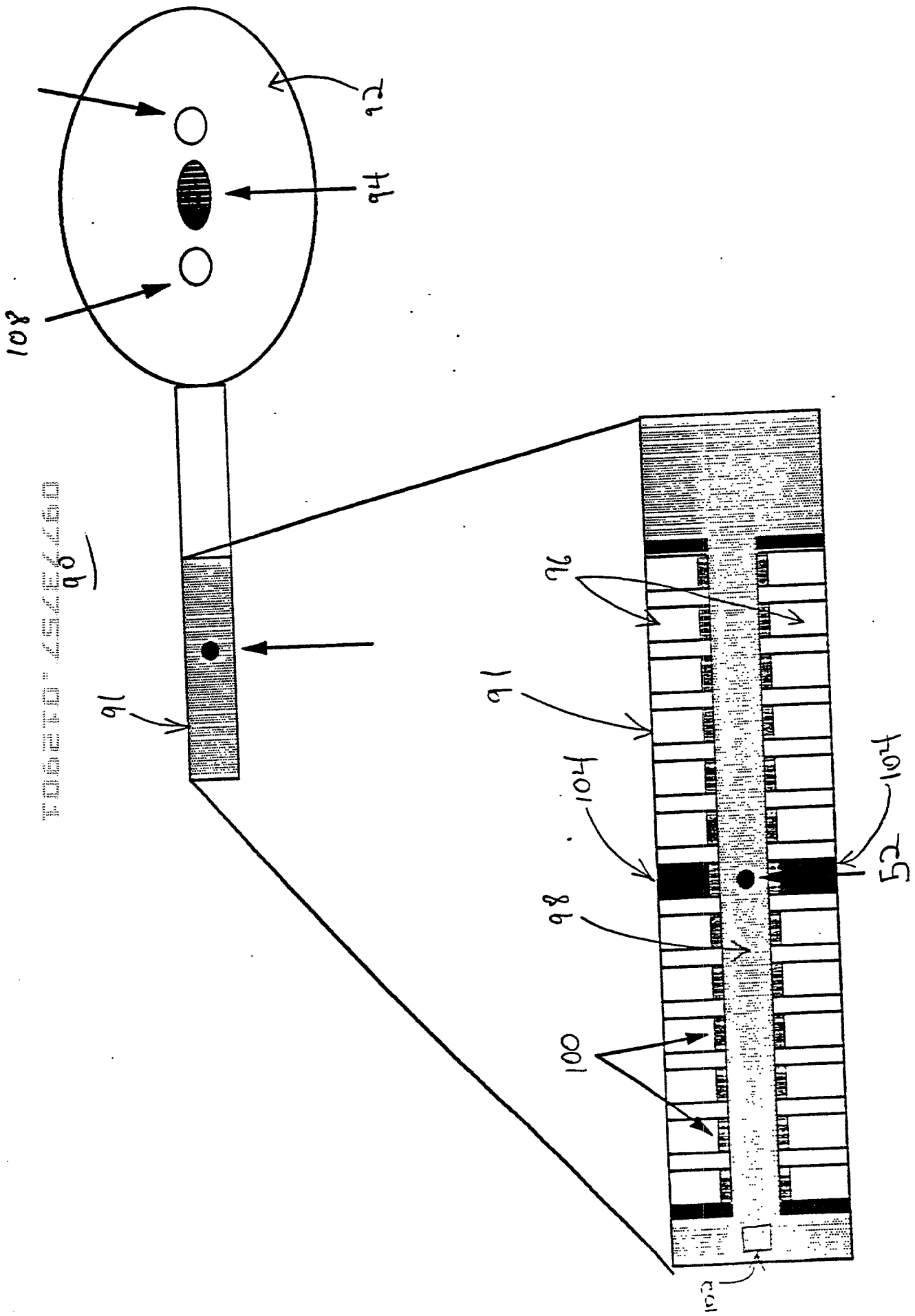


FIG. 11

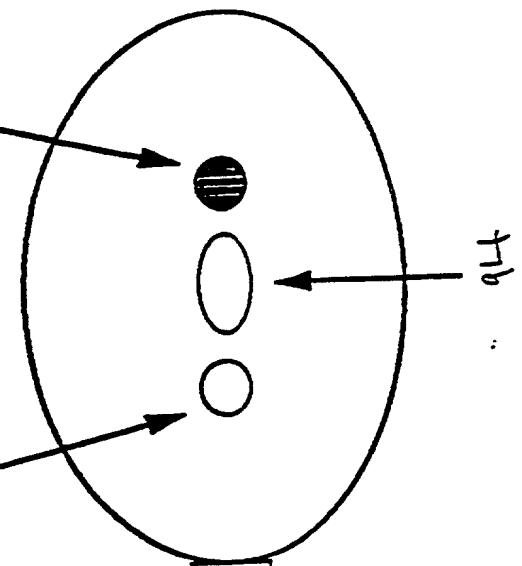
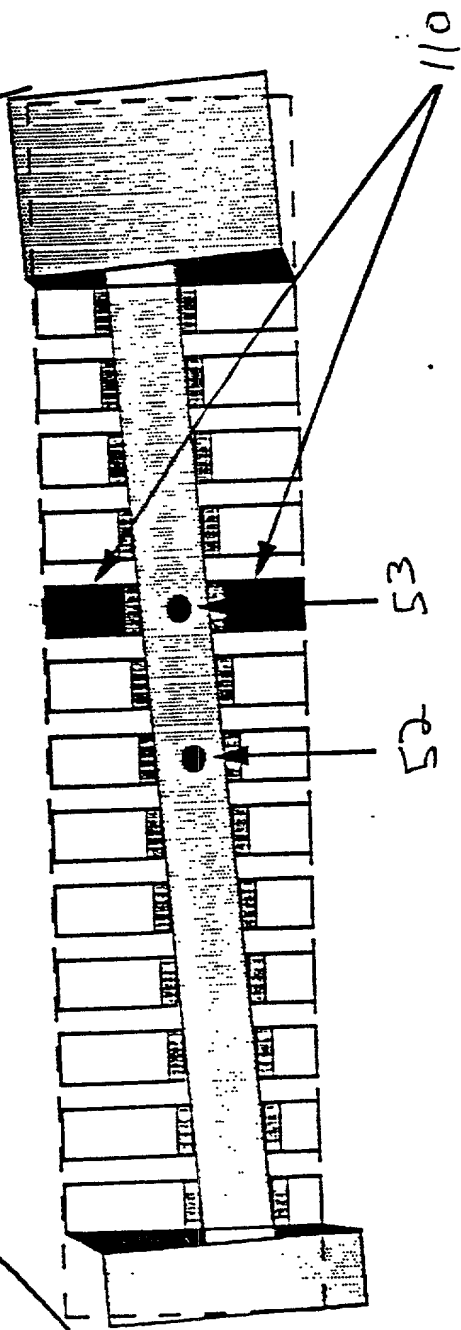


FIG. 11b



11c



110

110

FIG. 12

0974357-043404

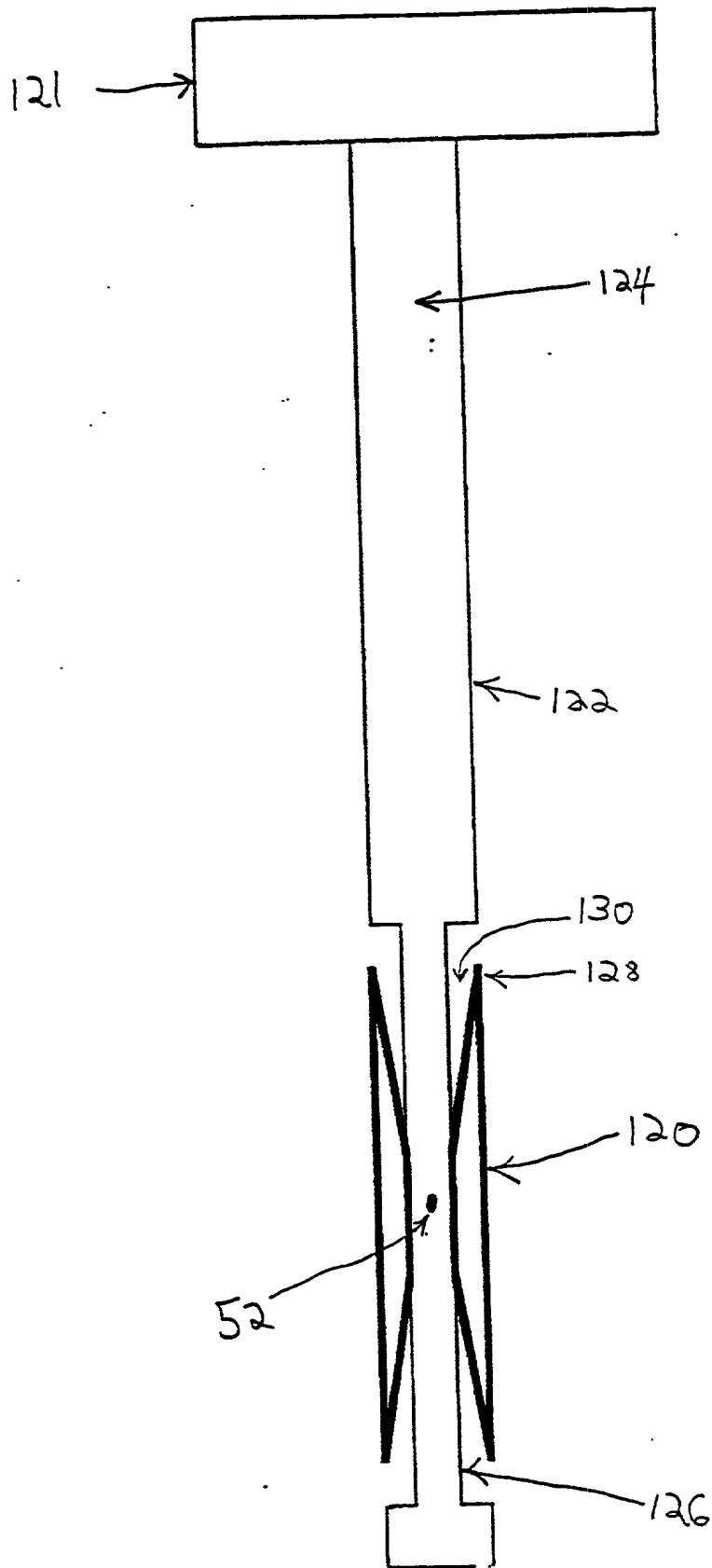


FIG. 13

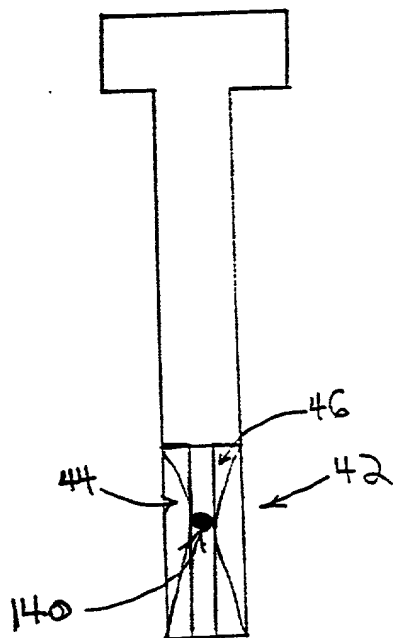


FIG. 14

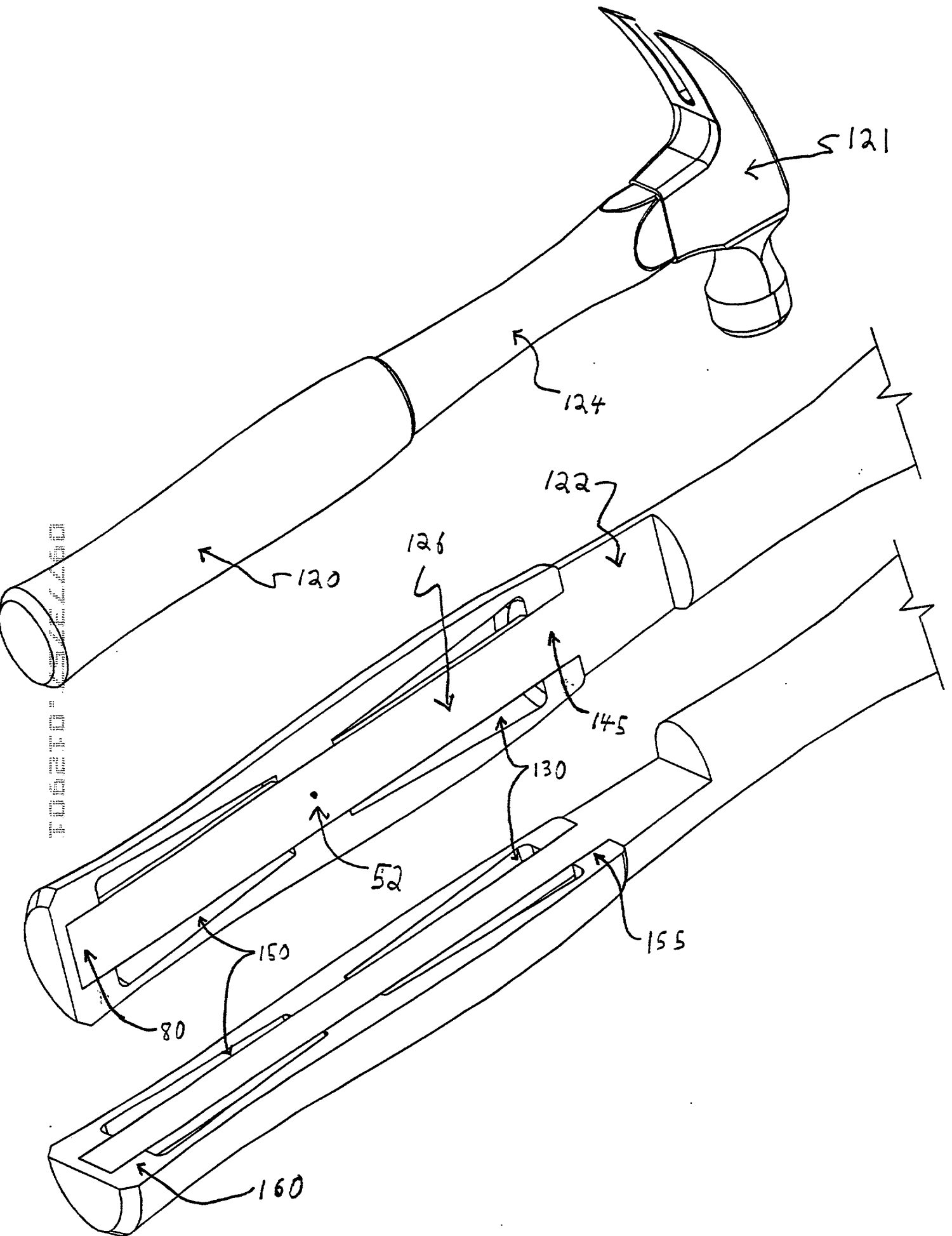


Fig 15.

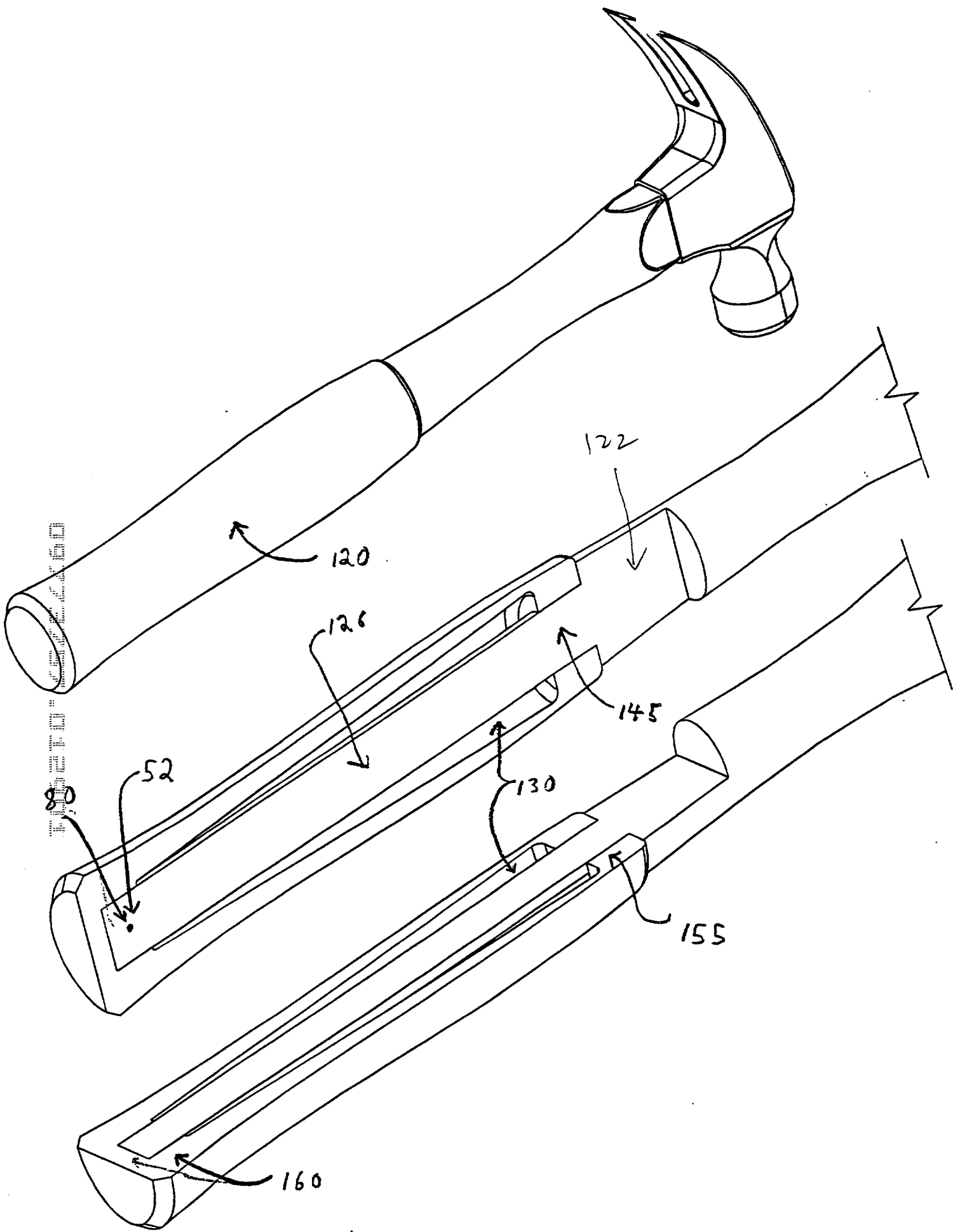


Fig 16.



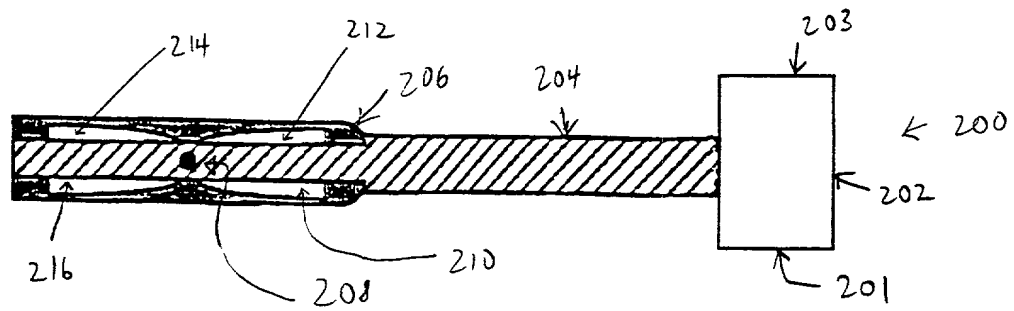


FIG. 17

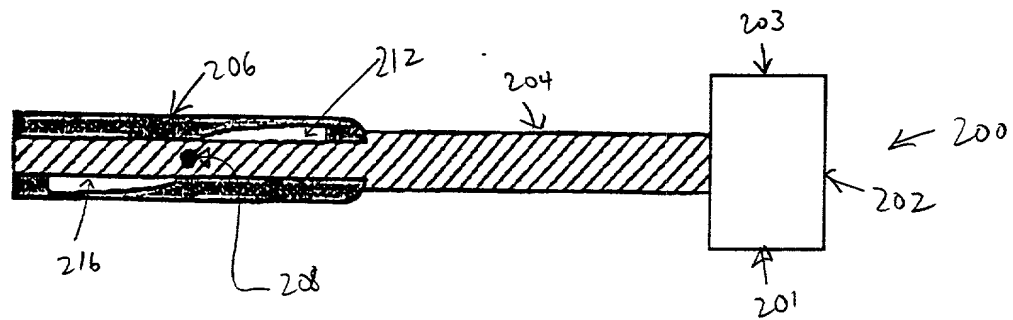


FIG. 18

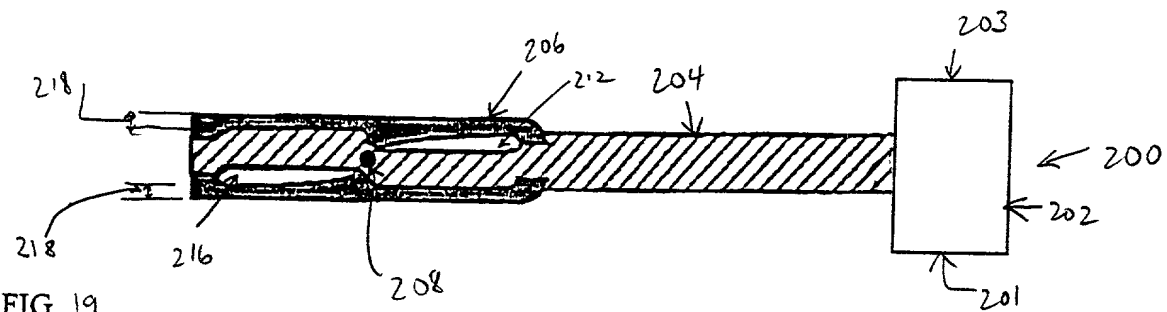


FIG. 19

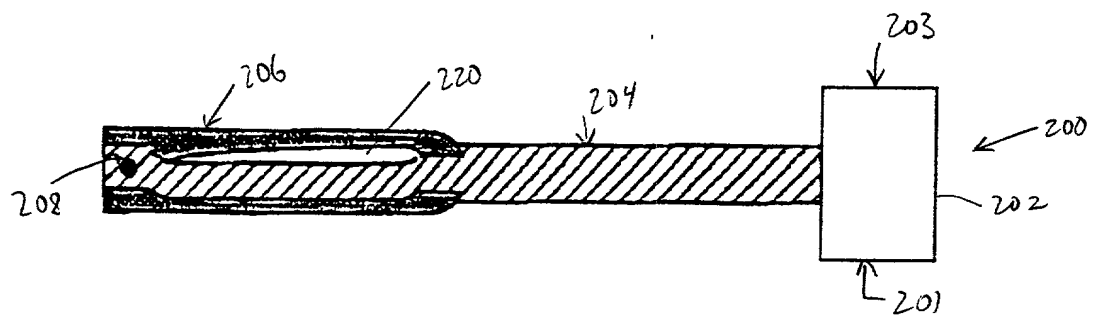


FIG. 20

FIG. 21

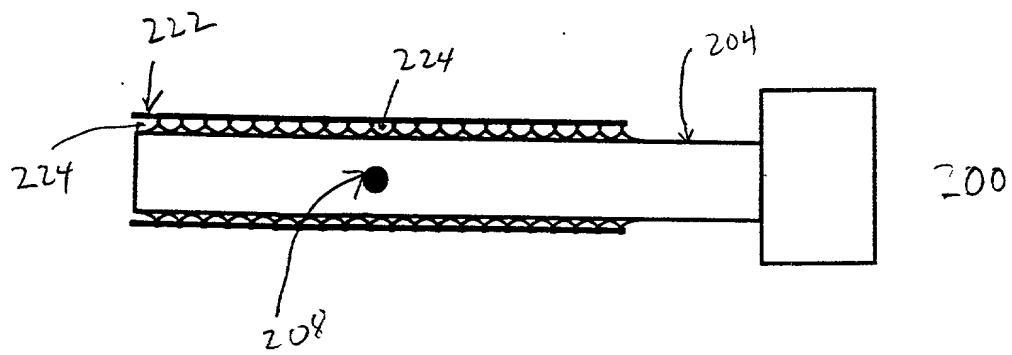


FIG. 21